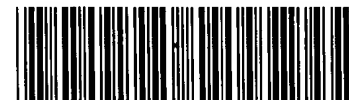


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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/834,271

DATE: 03/07/2002

TIME: 18:49:34

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Output Set: N:\CRF3\03072002\I834271.raw

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4 <110> APPLICANT: Widner, William
5       Sloma, Alan
6       Thomas, Michael D.
8 <120> TITLE OF INVENTION: Methods For Producing A Polypeptide In A
9       Bacillus Cell
11 <130> FILE REFERENCE: 5455.210-US
13 <140> CURRENT APPLICATION NUMBER: 09/834,271
14 <141> CURRENT FILING DATE: 2001-04-12
16 <150> PRIOR APPLICATION NUMBER: 09/031,442
17 <151> PRIOR FILING DATE: 1998-02-26
19 <150> PRIOR APPLICATION NUMBER: 09/256,377
20 <151> PRIOR FILING DATE: 1999-02-26
22 <160> NUMBER OF SEQ ID NOS: 33
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37 <213> ORGANISM: Bacillus
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44 <212> TYPE: DNA
45 <213> ORGANISM: Bacillus
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51 <211> LENGTH: 58
52 <212> TYPE: DNA
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189 <213> ORGANISM: Bacillus
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195	attcggacgg	actctacctc	aaatgcttat	ctaaactatag	aatgacatac	aagcacaacc	240
196	ttgaaaatth	gaaaaatataa	ctaccaatga	acttggtcat	gtgaattatc	gctgtattta	300
197	atthttctcaa	ttcaatatat	aatatgccaa	tacattgtta	caagtagaaa	ttaagacacc	360
198	cttgatagcc	ttactataacc	taacatgatg	tagtattaaa	tgaatatgta	aatatatthta	420
199	tgataagaag	cgacttattt	ataatcatta	catattthttc	tattggaatg	attaagattc	480
200	caatagaata	gtgtataaat	tatttatctt	gaaaggaggg	atgcctaaaa	acgaagaaca	540
201	ttaaaaacat	atatttgcac	cgtctaattg	atthtatgaaa	aatcattthta	tcagtttgaa	600
202	aattatgtat	tatgataaga	aaggaggaa	gaaaaatgaa	tccgaacaat	cgaagtgaac	660
203	atgatacaat	aaaaactact	gaaaaataatg	aggtgccaac	taaccatgtt	caatatcctt	720
204	tagcggaaac	tccaaatcca	acactagaag	atthaaatta	taaagagtht	ttaagaatga	780
205	ctgcagataa	taatacggaa	gcactagata	gctctacaac	aaaagatgtc	attcaaaaag	840
206	gcatttccgt	agtaggtgat	ctcctaggcg	tagtaggtht	cccgtttggt	ggagcgcttg	900
207	tttcgtthta	tacaaactth	ttaaatacta	tttgccaaag	tgaagacccg	tggaggctt	960
208	ttatggaaca	agtagaagca	ttgatggatc	agaaaatagc	tgattatgca	aaaaataaag	1020
209	ctcttgacaga	gttacagggc	cttcaaaaata	atgtcgaaga	ttatgtgagt	gcattgagtt	1080
210	catggcaaaa	aaatcctgtg	agttcacgaa	atccacatag	ccaggggagg	ataagagagc	1140
211	tgthttctca	agcagaaagt	cattttcgta	attcaatgcc	ttcgthtgca	atthctggat	1200
212	acgaggttht	atthctaaaca	acatatgcac	aagctgccaa	cacacattta	thtttactaa	1260
213	aagacgtcca	aattthtgga	gaagaatggg	gatacgaaaa	agaagatatt	gctgaattth	1320
214	ataaaaagaca	actaaaactt	acgcaagaat	atactgacca	ttgtgtcaaa	tggtataatg	1380
215	ttggattaga	taaattaaaga	ggttcatctt	atgaatcttg	ggtaaactth	aaccgttatc	1440
216	gcagagagat	gacattaaaca	gtattagatt	taattgcact	atthccattg	tatgatgttc	1500
217	ggctataccc	aaaagaagtt	aaaaccgaat	taacaagaga	cgtthttaaca	gatccaattg	1560
218	tcggagtcaa	caaccttagg	ggctatggaa	caaccttctc	taatatagaa	aatttatattc	1620
219	gaaaaccaca	tctatttgac	tatctgcata	gaattcaatt	tcacacggcg	ttccaaccag	1680
220	gatattatgg	aaatgactct	ttcaattatt	ggtccggtaa	ttatgtthca	actagaccaa	1740
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222	tacaaaatth	agaatttaat	ggagaaaaag	tctatagagc	cgtagcaaat	acaaatcttg	1860
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224	atcaaacaga	tgaagcaagt	acacaaaact	acgactcaaa	aagaaatgtt	ggcgcggtca	1980
225	gctgggattc	tatcgatcaa	ttgcctccag	aaacaacaga	tgaacctcta	gaaaagggat	2040
226	atagccatca	actcaattat	gtaatgtgct	thttaatgca	gggtagtaga	ggaacaatcc	2100
227	cagtgttaac	ttggacacat	aaaagtgtag	actththta	catgattgat	tcgaaaaaaa	2160
228	ttacacaact	tccgttagta	aaggcatata	agttacaatc	tggtgcttcc	gttgctgcag	2220
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235	aagtaaagaa	gtagtgaaca	tctatgatag	taagcaaagg	ataaaaaaat	gagthcataa	2640
236	aatgaataac	atagtgttct	tcaactthcg	ctthttgaa	gtagatgaag	aacactatth	2700
237	thattthtcaa	aatgaaggaa	gtththaaata	tgtaatcatt	taaagggaa	aatgaaagta	2760
238	ggaaataagt	cattatctat	aacaaaataa	cattththata	tagccagaaa	tgaattataa	2820
239	tattaatctt	thctaaaattg	acgtththct	aaacgttcta	tagctthcaag	acgcttagaa	2880
240	tcacatcaat	thgtatacag	agctgttgth	thcatcgagt	tatgtcccat	thgattcgct	2940
241	aatagaacaa	gatctthatt	thcgthataa	tgattggthg	cataagtatg	gcgtaattta	3000
242	tgagggctth	thththctac	aaaagccctc	gtgtattthct	ctgtaagctt		3050

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252 <210> SEQ ID NO: 23
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254 <212> TYPE: DNA
255 <213> ORGANISM: Bacillus
257 <400> SEQUENCE: 23
258 tgtcaacccc ctttattcc tt 22
260 <210> SEQ ID NO: 24
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262 <212> TYPE: DNA
263 <213> ORGANISM: Bacillus
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271 <213> ORGANISM: Bacillus
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276 ataaaggggg gttgttatta ttttactgat atgtaaaata taatttgtat aagaaaatgg 180
277 agctc 185
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